ABSTRACT OF THE DISCLOSURE

A process for removing pollutants from aqueous streams is disclosed. The process involves contacting the stream with a shaped ion exchange composite to remove ammonium and phosphate ions. The composite is a mixture of an anion exchange composition such as zirconia and a microporous cation exchange composition formed into a shaped article and optionally containing a binder such as hydrous zirconium oxide. The microporous cation exchangers are represented by the empirical formula.

$$A_pM_xZr_{1-x}Si_nGe_yO_m$$
 (I)

or

10

5

$$A_p M_x Ti_{1-x} Si_n Ge_y O_m \quad (II)$$